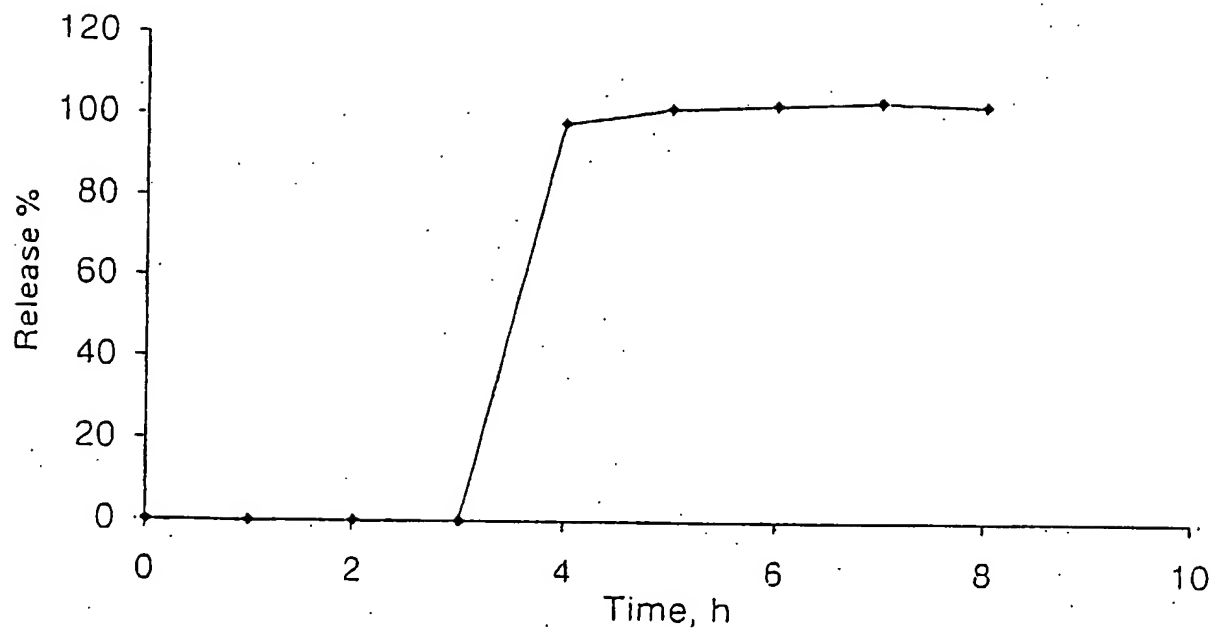


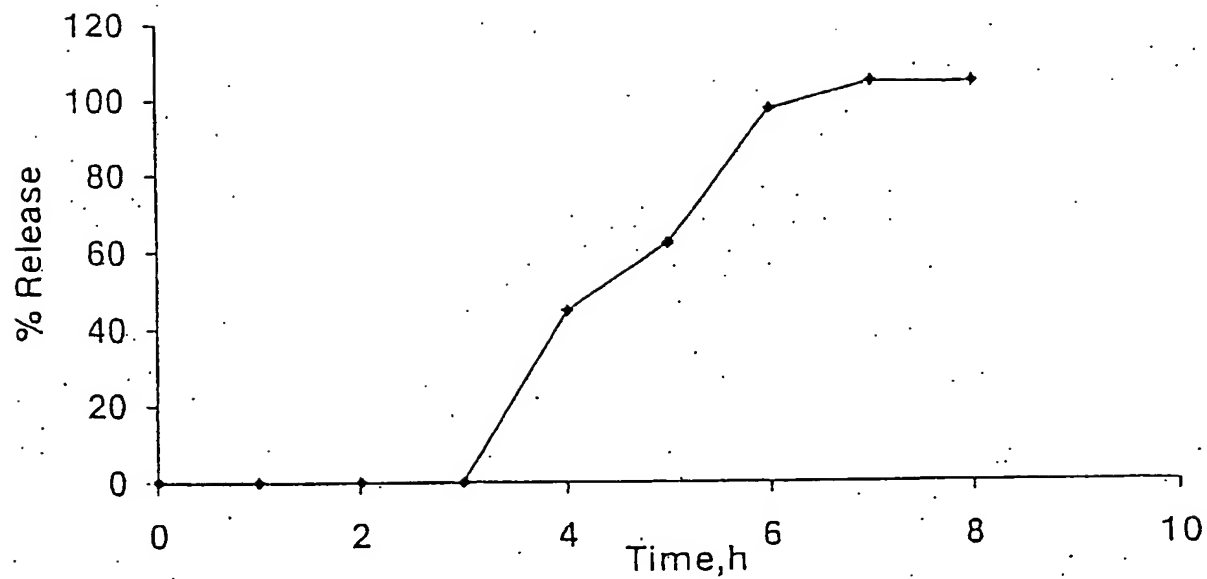
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FIGURE 1



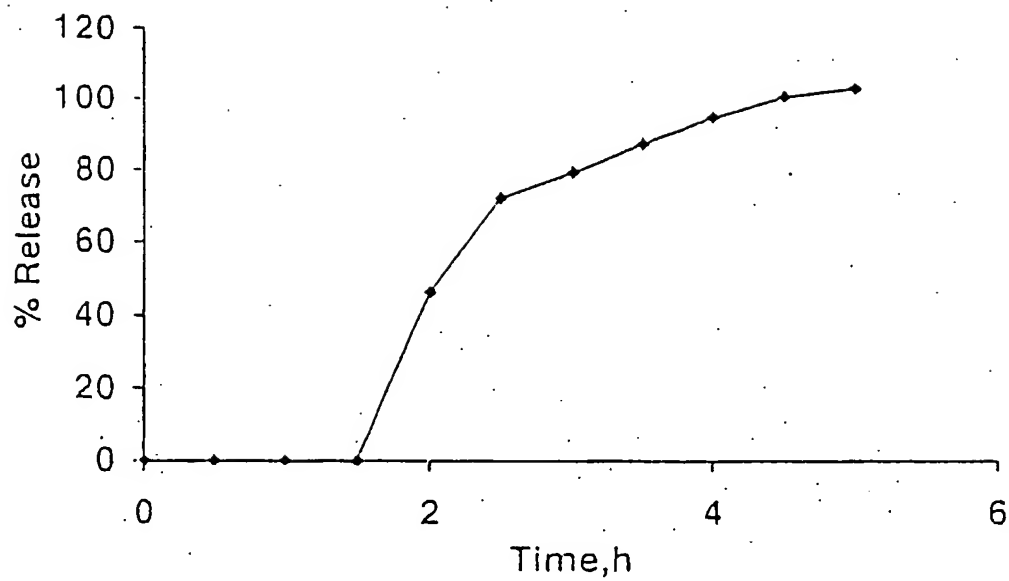
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FIGURE 2



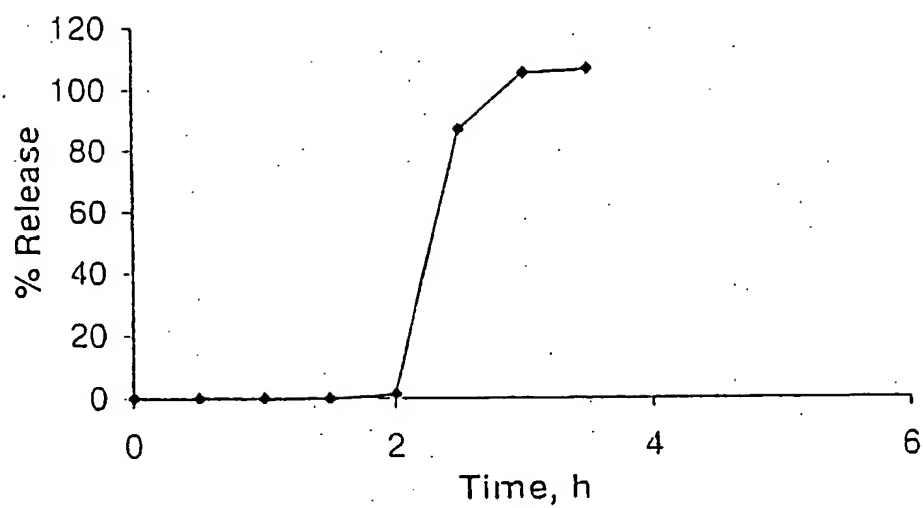
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FIGURE 3



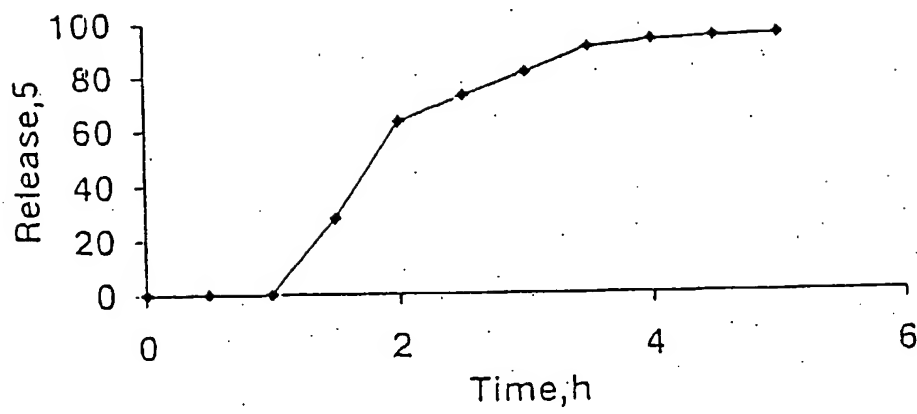
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FIGURE 4



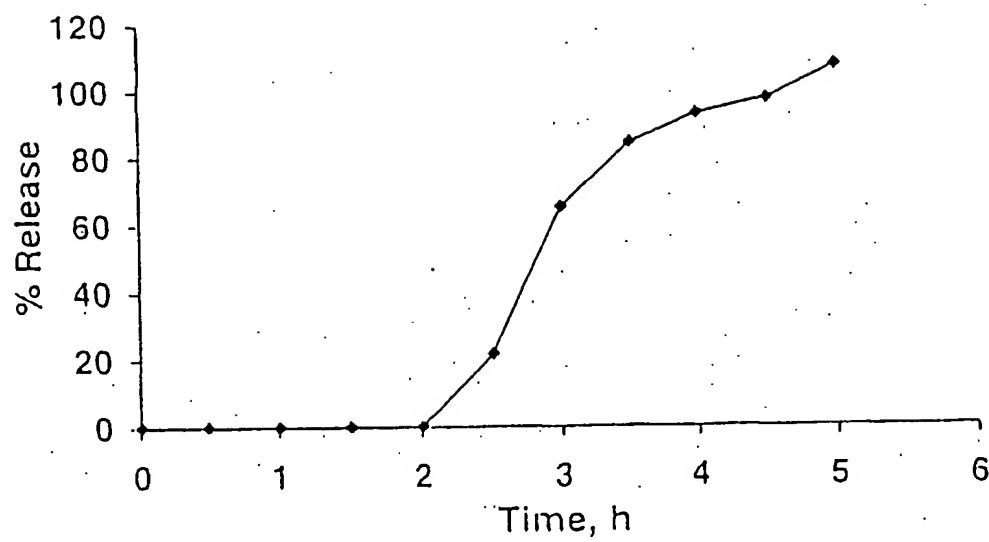
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FIGURE 5



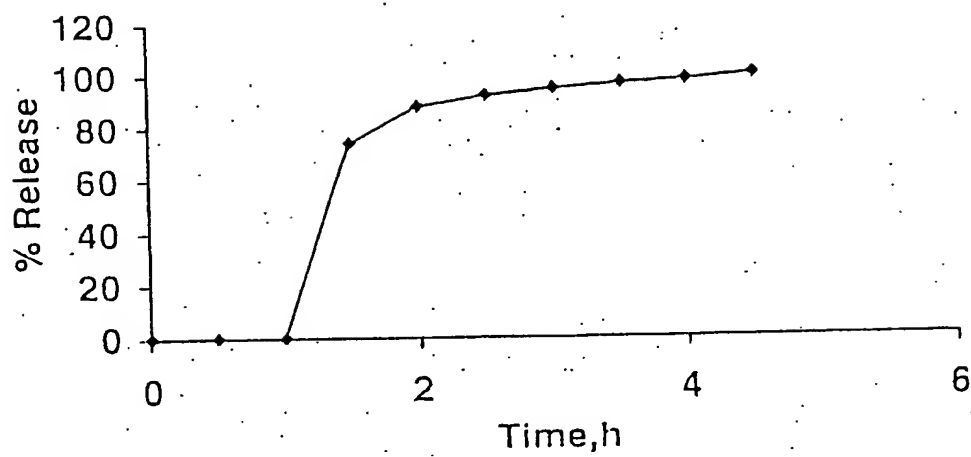
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FIGURE 6



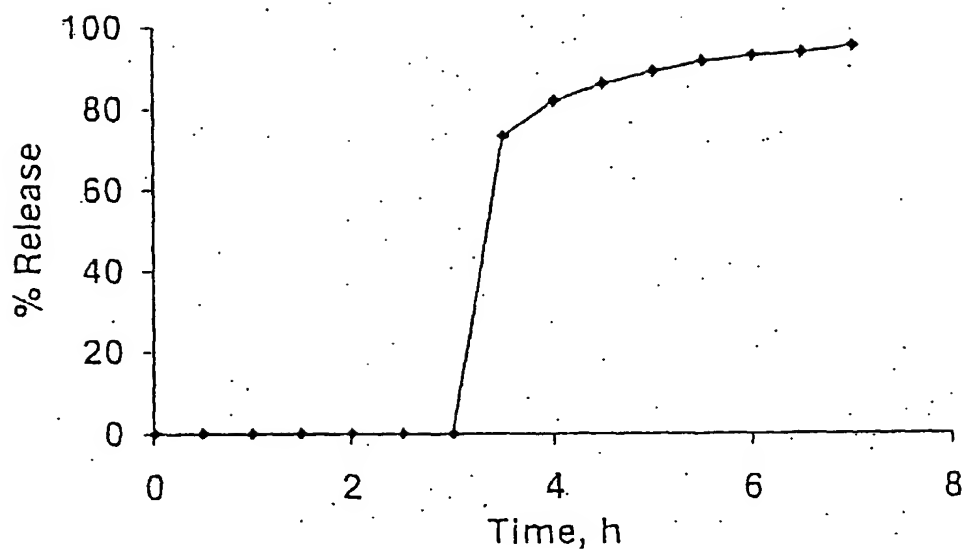
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FIGURE 7



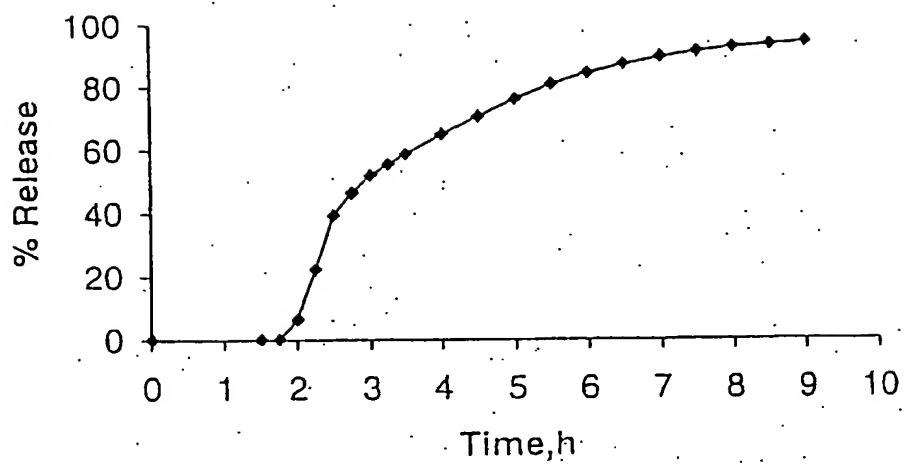
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FIGURE 8



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FIGURE 9



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FIGURE 10

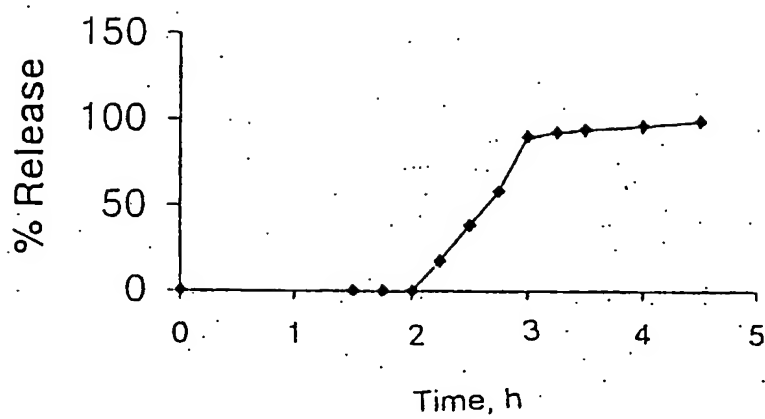


Fig. 11

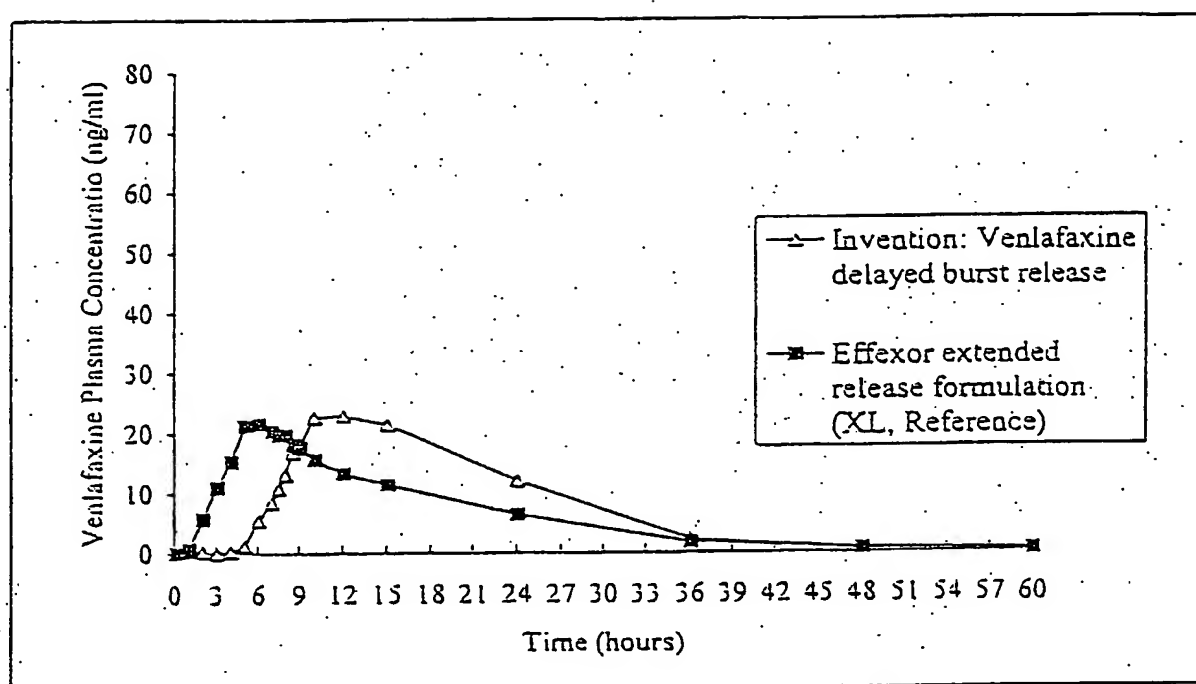


FIG 12

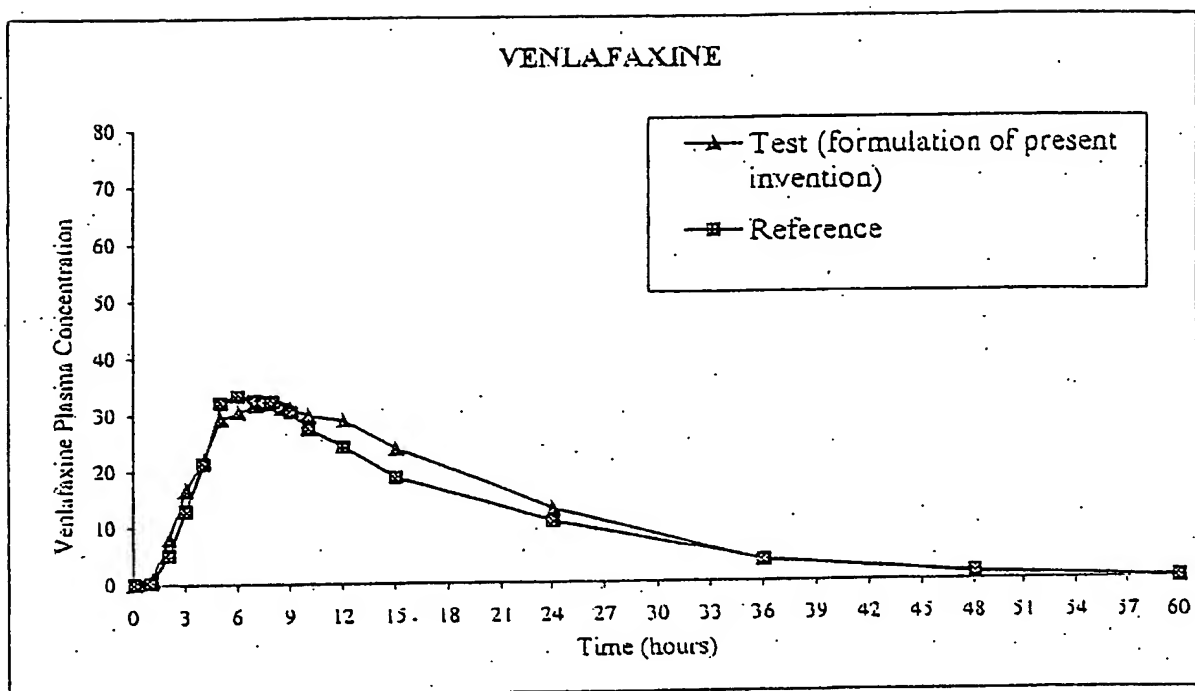


FIG 13

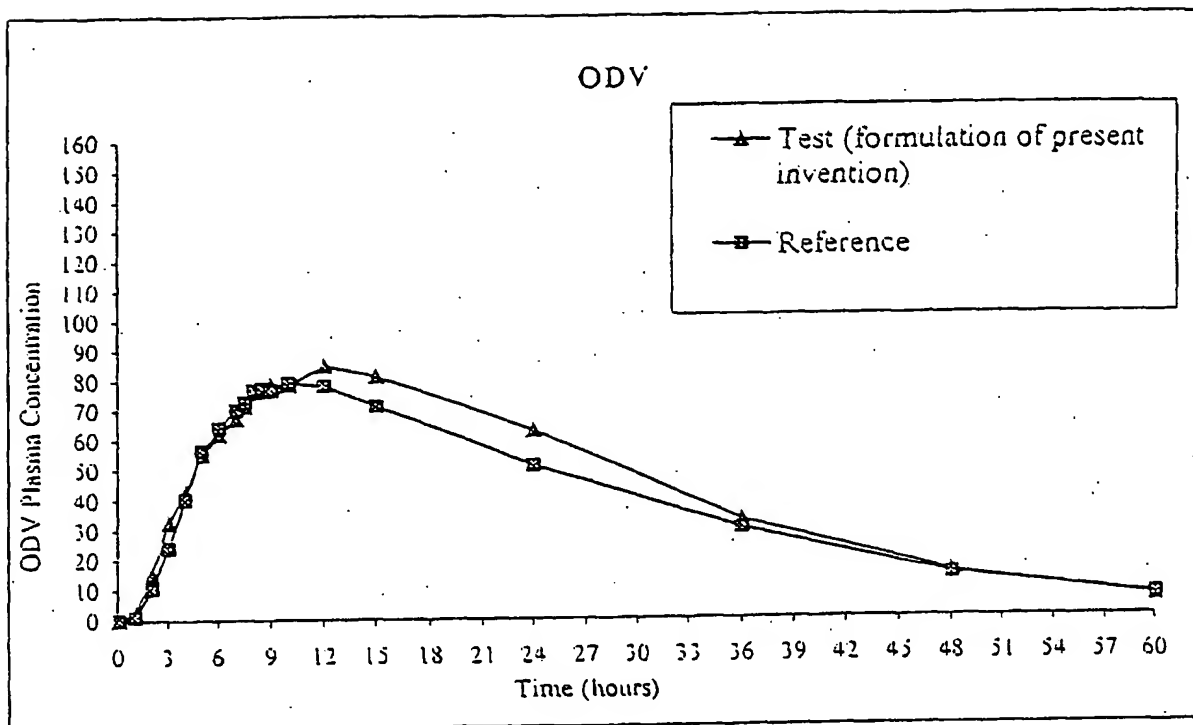


FIG 14a

% Release

| Time,h | #1 | #2 | #3 | #4 | #5 | #6 |
|--------|-------|-------|------|------|------|-------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.25 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.75 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2.25 | 71 | 70.9 | 68.1 | 47 | 82.3 | 57.4 |
| 2.5 | 75.6 | 99.4 | 74.4 | 65.9 | 87.3 | 68.2 |
| 2.75 | 78.6 | 105 | 78.5 | 69.9 | 89.7 | 73.7 |
| 3 | 81.3 | 106.9 | 81.6 | 73.2 | 91.5 | 77.8 |
| 3.5 | 85.5 | 107.3 | 86 | 78.2 | 93.8 | 85 |
| 4 | 89.2 | 107.5 | 89 | 82.5 | 95.5 | 90.8 |
| 4.5 | 92 | 107.5 | 91.2 | 85.8 | 96.4 | 95.3 |
| 5 | 94.4 | 107.7 | 93.1 | 88.6 | 97.1 | 98.6 |
| 5.5 | 96.5 | 107.7 | 94.7 | 90.8 | 97.8 | 101 |
| 6 | 98.2 | 107.8 | 95.9 | 92.7 | 98.2 | 103 |
| 7 | 100.3 | 107.9 | 97.6 | 95.7 | 98.8 | 105.6 |
| 8 | 101.7 | 108.3 | 98.5 | 97.7 | 99.3 | 107 |

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FIG. 14b

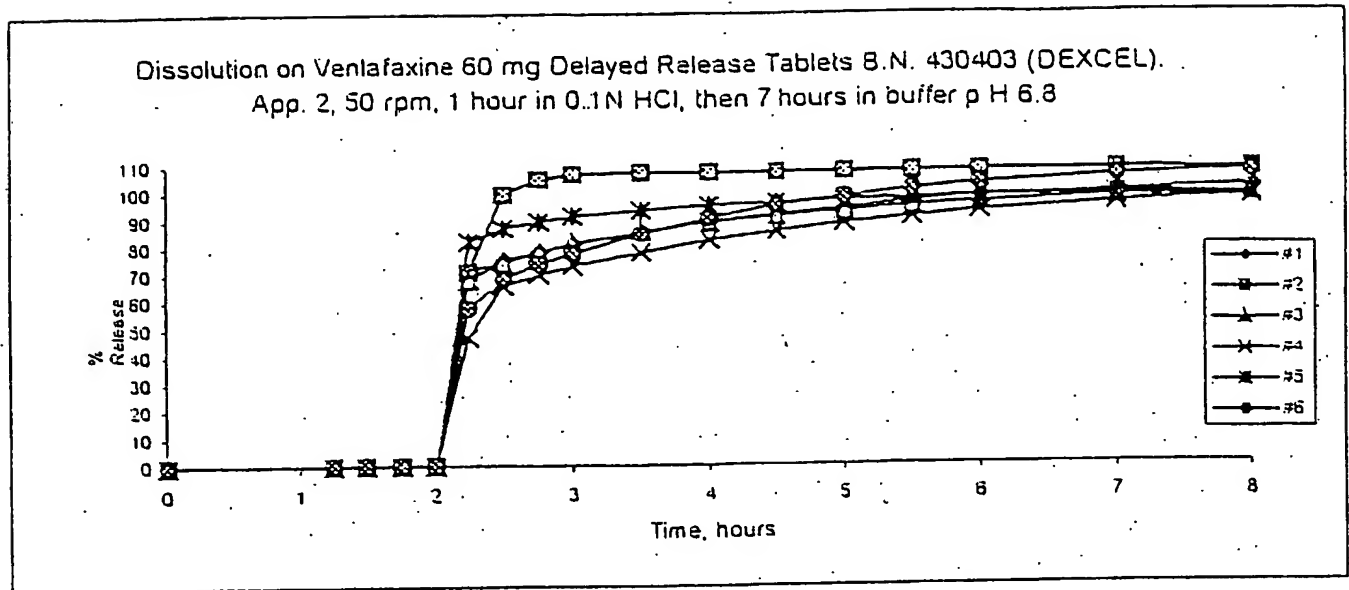


FIG 15a

% Release

| Time,h | #1 | #2 | #3 | #4 | #5 | #6 |
|--------|-------|-------|-------|-------|------|-------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.25 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.5 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1.75 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2.25 | 0 | 0 | 10.1 | 0 | 0 | 0 |
| 2.5 | 29.8 | 81.9 | 81.2 | 56.2 | 76.8 | 64.3 |
| 2.75 | 85.8 | 87.2 | 86.1 | 72.9 | 82.3 | 73.9 |
| 3 | 91.2 | 97.2 | 88 | 80.5 | 86.4 | 77.8 |
| 3.5 | 94.7 | 101.0 | 91 | 88.9 | 91.5 | 82.8 |
| 4 | 96.3 | 101.8 | 93.7 | 93.6 | 94.6 | 87.2 |
| 4.5 | 97.6 | 103.4 | 95.6 | 96.6 | 96.4 | 90.8 |
| 5 | 98.8 | 104.2 | 97 | 98.4 | 97.7 | 93.7 |
| 5.5 | 99.3 | 104.6 | 98.2 | 99.8 | 98.2 | 95.6 |
| 6 | 100 | 105 | 99.1 | 100.6 | 98.5 | 96.8 |
| 7 | 100.6 | 105.9 | 100.1 | 102 | 98.9 | 98.5 |
| 8 | 101 | 106.2 | 101 | 102.6 | 99 | 100.4 |

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FIG. 15b

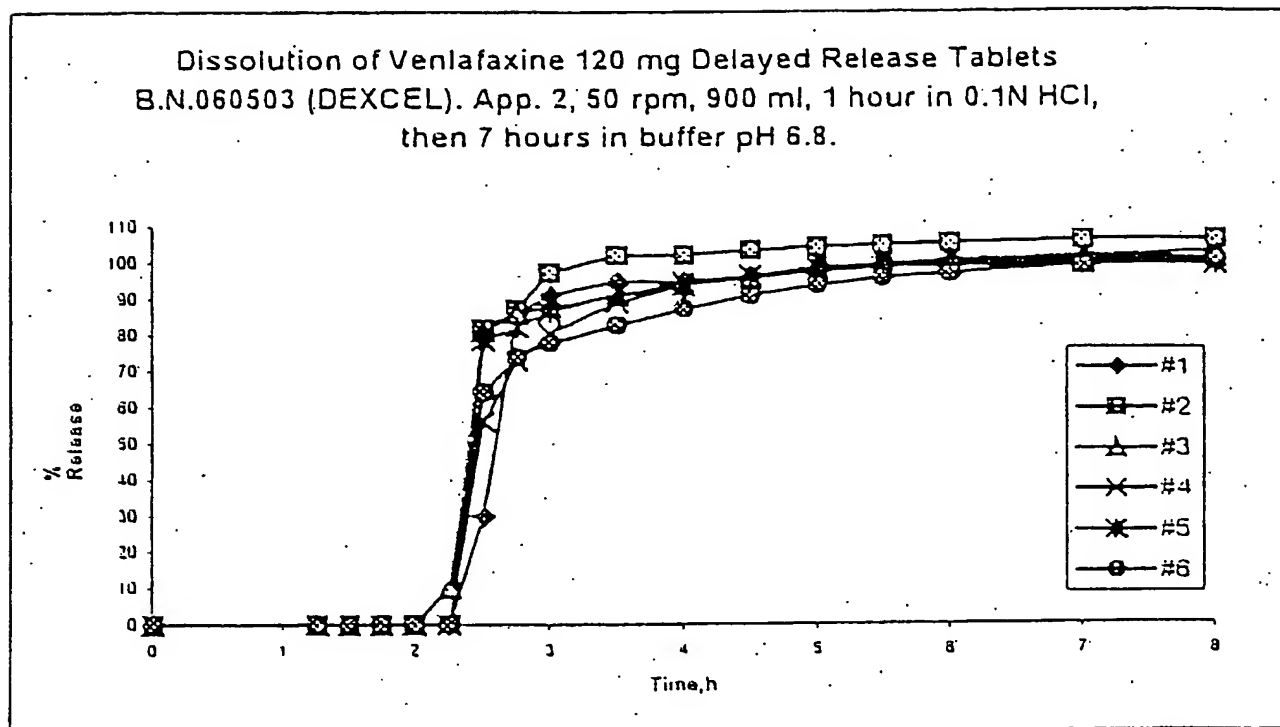


FIG 16a

| Time,min | #1(%) | #2(%) | #3(%) | Average(%) |
|----------|-------|-------|-------|------------|
| 0 | | | 0 | 0.0 |
| 0.5 | 94.2 | 90 | 78.6 | 87.6 |
| 1 | 97.4 | 96.1 | 95.5 | 96.3 |
| 2 | 101.2 | 98.7 | 99.5 | 99.8 |
| 3 | 102.7 | 99.5 | 101 | 101.1 |
| 5 | 104.1 | 101.3 | 101.4 | 102.3 |

FIG. 16b

